

In the Claims:

Kindly amend the claims as follows:

1-3. (CANCELED)

4. (CURRENTLY AMENDED) A monitoring device for silicon wafer transfer pods, comprising:

a top part;

a cylinder in communication with said top part;

a bottom part in communication with said cylinder;

a control unit in communication with said cylinder;

a particle detector in communication with said control unit, said particle detector facilitating the monitoring;

a wireless link in communication with said control unit; and

wherein said top part and said bottom part are configured to fit inside the silicon wafer transfer pods.

5-10. (CANCELED)

11. (NEW) A monitoring device for silicon wafer transfer pods, comprising:

a top part;

a cylinder in communication with said top part;

a bottom part in communication with said cylinder;

a control unit in communication with said cylinder;

a particle detector in communication with said control unit, said particle detector facilitating the monitoring;

a sample tube configured to draw air into said particle detector;
an exhaust port configured to exhaust the air from said particle detector;
a wireless link in communication with said control unit; and
wherein said top part and said bottom part are configured to fit inside the silicon wafer transfer pods.